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**DATE:** February 14, 2006

**FILE NO:** AVAN/001106

**TO:** USPTO

**FAX NO:** 571-273-8300

**FROM:** John C. Carey

**PAGE(S) with cover:** 8

**ORIGINAL TO FOLLOW?** ☐ YES ☒ NO

### RESPONSE TO FINAL OFFICE ACTION DATED OCTOBER 14, 2005

**TITLE:** LIQUID CRYSTAL DEVICE AND METHOD FOR OPTICAL PERFORMANCE MONITORING IN FIBER OPTIC COMMUNICATION SYSTEMS

**U.S. SERIAL NO.:** 10/637,115

**FILING DATE:** August 8, 2003

**INVENTOR:** Haljun Yuan, et al.

**EXAMINER:** Phu Vu

**GROUP ART UNIT:** 2871

**CONFIRMATION NO.:** 3827

**MESSAGE:** Please find attached a Response (7 pages)

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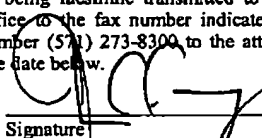
PATENT  
Atty. Dkt. No. AVAN/001106

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Haijun Yuan, et al.  
Serial No.: 10/637,115  
Confirmation No.: 3827  
Filed: August 8, 2003  
For: Liquid Crystal Device and Method  
For Optical Performance  
Monitoring In Fiber Optic  
Communication Systems

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§ Group Art Unit: 2871  
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§ Examiner: Phu Vu  
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§ Customer No.: 47389  
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Dear Sir:

**RESPONSE TO FINAL OFFICE ACTION DATED OCTOBER 14, 2005**

In response to the Final Office Action dated October 14, 2005, having a shortened statutory period for response with a one-month extension set to expire on February 14, 2006, please enter this response and reconsider the claims pending in the application for reasons discussed below. The Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/AVAN/001106/JCC for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**A Listing of the Pending Claims** begins on page 2 of this paper. **Remarks** begin on page 5 of this paper.

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